

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1891	(cross-link\$ or crosslink\$) with (ligand or receptor or probe) with (protein or antibody or dna or nucleic or \$nucleotide)	USPAT	OR	ON	2006/04/04 17:58
S2	1120	S1 and immobiliz\$	USPAT	OR	ON	2006/04/04 17:57
S3	8387	immobiliz\$ with (ligand or receptor or probe)	USPAT	OR	ON	2006/04/04 17:57
S4	123	(cross-link\$ or crosslink\$) with (ligand or receptor or probe) with (protein or antibody or dna or nucleic or \$nucleotide) with immobiliz\$	USPAT	OR	ON	2006/04/04 19:46
S5	170	((cross-link\$ or crosslink\$) with (ligand or receptor or probe) with (target)) and immobiliz\$	USPAT	OR	ON	2006/04/04 19:47
S6	165	S5 not S4	USPAT	OR	ON	2006/04/04 19:47
S7	157	S6 and (protein or antibody or antibodies)	USPAT	OR	ON	2006/04/05 16:30
S8	47	((maleimidobenzoic adj acid) or (mercaptobenzoic adj acid)) with glutaraldehyde	USPAT	OR	ON	2006/04/05 17:03
S9	26	S8 and (crosslink\$ or cross-link\$)	USPAT	OR	ON	2006/04/05 19:09
S10	4	((maleimidobenzoic adj acid) or (mercaptobenzoic adj acid)) with formaldehyde	USPAT	OR	ON	2006/04/05 17:07
S11	0	((methyidithioacetic adj acid) or (s-pyridyl adj dithiopropionate)) with glutaraldehyde	USPAT	OR	ON	2006/04/05 17:07
S12	50	((maleimidobenzoic adj acid) or (mercaptobenzoic adj acid)) same glutaraldehyde	USPAT	OR	ON	2006/04/05 17:03
S13	28	S12 and (crosslink\$ or cross-link\$)	USPAT	OR	ON	2006/04/05 17:03
S14	28	S13 and (antibody or antibodies)	USPAT	OR	ON	2006/04/05 17:04
S15	2	S14 not S9	USPAT	OR	ON	2006/04/05 17:04
S16	4	((maleimidobenzoic adj acid) or (mercaptobenzoic adj acid)) same formaldehyde	USPAT	OR	ON	2006/04/05 17:07
S17	0	S16 not S10	USPAT	OR	ON	2006/04/05 17:07
S18	0	((methyidithioacetic adj acid) or (s-pyridyl adj dithiopropionate)) same glutaraldehyde	USPAT	OR	ON	2006/04/05 17:07

## EAST Search History

S19	0	((methyidithioacetic adj acid) or (s-pyridyl adj dithiopropionate)) same formaldehyde	USPAT	OR	ON	2006/04/05 17:07
S20	3	glutaraldehyde with (antibody or antibodies) with (cross-link or crosslink)	USPAT	OR	ON	2006/04/05 19:11
S21	32	((glutaraldehyde with (cross-link or crosslink))) same (antibody or antibodies)	USPAT	OR	ON	2006/04/05 19:28
S22	29	S21 not S20	USPAT	OR	ON	2006/04/05 19:11
S23	164	((glutaraldehyde with (cross-link or crosslink))) same (proteins)	USPAT	OR	ON	2006/04/05 19:29
S24	8	zL4 not S22	USPAT	OR	ON	2006/04/05 19:29
S25	149	S23 not S22	USPAT	OR	ON	2006/04/05 19:29
S26	41	((glutaraldehyde with (cross-link or crosslink))) with (proteins)	USPAT	OR	OFF	2006/04/05 19:29
S27	39	S26 not S22	USPAT	OR	OFF	2006/04/05 19:29
S28	3	glutaraldehyde with (antibody or antibodies) with (cross-link or crosslink)	USPAT	OR	ON	2006/04/06 08:12
S29	32	((glutaraldehyde with (cross-link or crosslink))) same (antibody or antibodies)	USPAT	OR	ON	2006/04/06 08:12
S30	29	S29 not S28	USPAT	OR	ON	2006/04/06 08:12
S31	41	((glutaraldehyde with (cross-link or crosslink))) with (proteins)	USPAT	OR	OFF	2006/04/06 08:12
S32	39	S31 not S30	USPAT	OR	OFF	2006/04/06 08:33
S33	1	("6696246").PN.	USPAT; USOCR	OR	OFF	2006/04/06 09:06
S34	1	("5502022").PN.	USPAT; USOCR	OR	OFF	2006/04/06 09:09
S35	1	("6696246").PN.	USPAT; USOCR	OR	OFF	2006/04/06 09:15
S36	68	dna with (detect adj (protein or antibody or antibodies))	USPAT	OR	ON	2006/04/06 09:30
S37	0	"L68" and immobiliz	USPAT	OR	ON	2006/04/06 09:16
S38	12	"L68" and immobiliz\$	USPAT	OR	ON	2006/04/06 09:30
S39	0	S37 and immobiliz\$	USPAT	OR	ON	2006/04/06 09:30
S40	11	oligonucleotide with (detect adj (protein or antibody or antibodies))	USPAT	OR	ON	2006/04/06 09:33
S41	9	S40 and immobil\$	USPAT	OR	ON	2006/04/06 10:18
S42	1	("5851840").PN.	USPAT; USOCR	OR	OFF	2006/04/06 13:11

## EAST Search History

S43	1	("6248229").PN.	USPAT; USOCR	OR	OFF	2006/04/06 14:11
S44	49	glutaraldehyde with (cross-link\$ or crosslink\$) with (nucleic or \$nucleotide or dna)	USPAT	OR	OFF	2006/04/06 14:12
S45	29	S44 and (detect\$ with (protein or antibody or antibodies))	USPAT	OR	ON	2006/04/06 14:22
S46	1	("5213977").PN.	USPAT; USOCR	OR	OFF	2006/04/06 14:36
S47	1517	(cell adj lysate) and (detect\$ with (antigen))	USPAT	OR	OFF	2006/04/06 14:39
S48	0	S47 and (recombinatn adj antibody)	USPAT.	OR	ON	2006/04/06 14:39
S49	0	S47 and (recombinatn with antibody)	USPAT	OR	ON	2006/04/06 14:39
S50	978	S47 and (recombinant with antibody)	USPAT	OR	ON	2006/04/06 14:39
S51	70	S50 and (((cell adj lysate) with sample) and (detect\$ with (antigen)))	USPAT	OR	OFF	2006/04/06 15:30
S52	130	(((cell adj lysate) with sample) and (detect\$ with (antigen)))	USPAT	OR	OFF	2006/04/06 15:30
S53	6	(((cell adj lysate) with sample) same (detect\$ with (antigen)))	USPAT	OR	OFF	2006/04/06 15:34
S54	1678	(((cell adj lysate) with (cell adj line) or tissue) same (detect\$ with (antigen)))	USPAT	OR	OFF	2006/04/06 15:35
S55	4	((cell adj lysate) with ((cell adj line) or tissue)) same (detect\$ with antigen)	USPAT	OR	OFF	2006/04/06 15:36
S56	71	((cell adj lysate) with ((cell adj line) or tissue)) and (detect\$ with antigen)	USPAT	OR	OFF	2006/04/06 15:53
S57	16	S56 and ((cell adj lysate) with sample)	USPAT	OR	OFF	2006/04/06 15:53
S58	25	S56 and ((cell adj lysate) same sample)	USPAT	OR	OFF	2006/04/06 15:51
S59	9	S58 not S57	USPAT	OR	OFF	2006/04/06 15:51
S60	303	((cell adj lysate) with ((cell adj line) or tissue)) and (detect\$ with antigens)	USPAT	OR	ON	2006/04/06 15:53
S61	27	S60 and ((cell adj lysate) with sample)	USPAT	OR	OFF	2006/04/06 15:54
S62	11	S61 not S57	USPAT	OR	OFF	2006/04/06 15:54
S64	11	S62 not S59	USPAT	OR	OFF	2006/04/06 16:27

## EAST Search History

S65	2740	recombinant with ligand	USPAT	OR	OFF	2006/04/06 16:27
S66	2189	recombinant with probe	USPAT	OR	OFF	2006/04/06 16:28
S67	1354	S66 and (detect\$ with (antigen or antibody))	USPAT	OR	ON	2006/04/06 16:28
S68	717	S67 and (recombinant with (antigen or antibody))	USPAT	OR	OFF	2006/04/06 16:29
S69	447	S68 and immobiliz\$	USPAT	OR	OFF	2006/04/06 16:29
S70	76	S67 and (recombinant adj (antigen or antibody))	USPAT	OR	OFF	2006/04/06 16:29
S71	1891	(cross-link\$ or crosslink\$) with (ligand or receptor or probe) with (protein or antibody or dna or nucleic or \$nucleotide)	USPAT	OR	ON	2006/04/06 16:42
S72	1120	S71 and immobiliz\$	USPAT	OR	ON	2006/04/06 16:42
S73	8387	immobiliz\$ with (ligand or receptor or probe)	USPAT	OR	ON	2006/04/06 16:42
S75	170	((cross-link\$ or crosslink\$) with (ligand or receptor or probe) with (target)) and immobiliz\$	USPAT	OR	ON	2006/04/06 16:42
S78	47	((maleimidobenzoic adj acid) or (mercaptobenzoic adj acid)) with glutaraldehyde	USPAT	OR	ON	2006/04/06 16:42
S81	0	((methyidithioacetic adj acid) or (s-pyridyl adj dithiopropionate)) with glutaraldehyde	USPAT	OR	ON	2006/04/06 16:42
S82	50	((maleimidobenzoic adj acid) or (mercaptobenzoic adj acid)) same glutaraldehyde	USPAT	OR	ON	2006/04/06 16:42
S83	28	S82 and (crosslink\$ or cross-link\$)	USPAT	OR	ON	2006/04/06 16:42
S86	4	((maleimidobenzoic adj acid) or (mercaptobenzoic adj acid)) same formaldehyde	USPAT	OR	ON	2006/04/06 16:42
S87	0	S86 not S80	USPAT	OR	ON	2006/04/06 16:42
S88	0	((methyidithioacetic adj acid) or (s-pyridyl adj dithiopropionate)) same glutaraldehyde	USPAT	OR	ON	2006/04/06 16:42
S89	0	((methyidithioacetic adj acid) or (s-pyridyl adj dithiopropionate)) same formaldehyde	USPAT	OR	ON	2006/04/06 16:42
S91	32	((glutaraldehyde with (cross-link or crosslink))) same (antibody or antibodies)	USPAT	OR	ON	2006/04/06 16:42
S93	164	((glutaraldehyde with (cross-link or crosslink))) same (proteins)	USPAT	OR	ON	2006/04/06 16:42
S94	8	zL4 not S92	USPAT	OR	ON	2006/04/06 16:42

## EAST Search History

S95	149	S93 not S92	USPAT	OR	ON	2006/04/06 16:42
S96	41	((glutaraldehyde with (cross-link or crosslink))) with (proteins)	USPAT	OR	OFF	2006/04/06 16:42
S97	39	S96 not S92	USPAT	OR	OFF	2006/04/06 16:42
S98	3	glutaraldehyde with (antibody or antibodies) with (cross-link or crosslink)	USPAT	OR	ON	2006/04/06 16:42
S99	32	((glutaraldehyde with (cross-link or crosslink))) same (antibody or antibodies)	USPAT	OR	ON	2006/04/06 16:42
S100	29	S99 not S98	USPAT	OR	ON	2006/04/06 16:42
S101	41	((glutaraldehyde with (cross-link or crosslink))) with (proteins)	USPAT	OR	OFF	2006/04/06 16:42
S106	68	dna with (detect adj (protein or antibody or antibodies))	USPAT	OR	ON	2006/04/06 16:42
S107	0	"L68" and immobiliz	USPAT	OR	ON	2006/04/06 16:42
S109	0	S107 and immobiliz\$	USPAT	OR	ON	2006/04/06 16:42
S117	1517	(cell adj lysate) and (detect\$ with (antigen))	USPAT	OR	OFF	2006/04/06 16:42
S118	0	S117 and (recombinatn adj antibody)	USPAT	OR	ON	2006/04/06 16:42
S119	0	S117 and (recombinatn with antibody)	USPAT	OR	ON	2006/04/06 16:42
S120	978	S117 and (recombinant with antibody)	USPAT	OR	ON	2006/04/06 16:42
S122	130	((cell adj lysate) with sample) and (detect\$ with (antigen))	USPAT	OR	OFF	2006/04/06 16:42

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	16989	(recombinant with protein) and (detect\$ with (antigen or antibody))	USPAT	OR	ON	2006/04/06 16:50
L2	9859	(recombinant adj protein) and (detect\$ with (antigen or antibody))	USPAT	OR	ON	2006/04/06 16:48
L3	2999	(recombinant adj protein) and (detect\$ adj (antigen or antibody))	USPAT	OR	ON	2006/04/06 16:49
L4	5980	L2 and immobiliz\$	USPAT	OR	ON	2006/04/06 16:49
L5	4127	L2 and (immobiliz\$ with (antigen or antibody))	USPAT	OR	ON	2006/04/06 16:49
L6	251	L3 and ((recombinant with protein) with probe)	USPAT	OR	ON	2006/04/06 16:51
L7	40	L6 and ((recombinant with protein) with immobiliz\$)	USPAT	OR	ON	2006/04/06 16:51